

ABSTRACT

Method of supplying oil from a first floating structure to an offloading structure, includes providing a flexible duct extending between the two structures at a water depth of between 50m and 500m, the duct including a flexible elastomeric material and having an internal diameter of at least 600 mm and a length of between 1500 and 3000 m,

- providing at least one pump at the first structure and pumping the oil through the duct at a pressure between 5 bar and at a flow rate between 1000 and 50.000 m³/hr,

- providing a single flexible duct, and

- providing a wall thickness of the duct such that at water temperatures between 2°C and 20°C, the oil has at the first structure an inlet temperature T_{in} and at the second structure an outlet temperature T_o that $T_{in} - T_o$ is smaller than or equal to 15°C, preferably smaller than 5°C.